



A.H. Systems Inc.

9710 Cozycroft Ave. Chatsworth, CA 91311

Phone (818) 998-0223 Fax (818) 998-6892

E-mail: sales@A.H.Systems.com

Web site: <http://www.AHSystems.com>

1 Meter Spacing

Double Ridge Guide Horn Antenna

300 Watts maximum continuous Power

Model Number: SAS-571

Power Requirements in Watts for Field Strength of

Frequency (MHz)	1 V/m	2 V/m	5 V/m	10 V/m	20 V/m	100 V/m	200 V/m
700	0.024	0.095	0.593	2.373	9.492	237.30	-----
800	0.008	0.032	0.197	0.789	3.158	78.94	-----
900	0.007	0.029	0.184	0.735	2.939	73.48	293.90
1000	0.007	0.027	0.171	0.685	2.738	68.45	273.81
1250	0.005	0.019	0.118	0.471	1.886	47.15	188.60
1500	0.004	0.015	0.094	0.375	1.501	37.52	150.09
1750	0.003	0.013	0.082	0.329	1.316	32.91	131.65
2000	0.005	0.022	0.137	0.549	2.195	54.87	219.49
2500	0.004	0.016	0.099	0.396	1.583	39.58	158.31
3000	0.004	0.015	0.091	0.366	1.463	36.58	146.33
3500	0.003	0.013	0.080	0.321	1.283	32.09	128.35
4000	0.004	0.017	0.105	0.420	1.680	42.01	168.03
4500	0.004	0.015	0.092	0.369	1.477	36.91	147.65
5000	0.004	0.017	0.108	0.433	1.732	43.29	173.17
5500	0.003	0.013	0.080	0.320	1.280	31.99	127.96
6000	0.003	0.013	0.079	0.318	1.271	31.79	127.14
6500	0.003	0.011	0.068	0.274	1.095	27.38	109.53
7000	0.003	0.012	0.076	0.302	1.209	30.22	120.88
7500	0.003	0.011	0.067	0.269	1.077	26.94	107.74
8000	0.003	0.010	0.065	0.261	1.046	26.14	104.56
8500	0.003	0.011	0.067	0.267	1.067	26.67	106.67
9000	0.002	0.010	0.060	0.241	0.962	24.05	96.21
9500	0.002	0.009	0.054	0.218	0.870	21.76	87.04
10000	0.002	0.009	0.054	0.216	0.866	21.65	86.59
10500	0.002	0.009	0.055	0.221	0.884	22.09	88.36
11000	0.002	0.008	0.053	0.211	0.843	21.09	84.34
11500	0.002	0.009	0.058	0.232	0.926	23.16	92.63
12000	0.003	0.010	0.063	0.252	1.008	25.19	100.75
12500	0.002	0.010	0.060	0.239	0.956	23.90	95.62
13000	0.003	0.010	0.065	0.261	1.044	26.09	104.35
13500	0.002	0.008	0.050	0.202	0.807	20.19	80.74
14000	0.002	0.007	0.046	0.184	0.735	18.38	73.51
14500	0.002	0.008	0.052	0.208	0.834	20.85	83.38
15000	0.002	0.006	0.040	0.162	0.648	16.19	64.77
15500	0.001	0.005	0.029	0.116	0.465	11.62	46.46
16000	0.001	0.004	0.026	0.105	0.420	10.50	42.01
16500	0.002	0.006	0.040	0.161	0.646	16.14	64.56
17000	0.002	0.007	0.046	0.184	0.736	18.41	73.62
17500	0.002	0.010	0.062	0.247	0.987	24.68	98.72
18000	0.003	0.011	0.069	0.275	1.102	27.55	110.20